

Amendments to the Claims:

1. to 42. (Cancelled)

43. (Original) A non-replicating vector, comprising:

a nucleotide sequence encoding a region comprising at least one of the conserved domains 2, 3 and 5 of a major outer membrane protein of a strain of *Chlamydia*, and

a promoter sequence operatively coupled to said nucleotide sequence for expression of said at least one conserved domain in a host.

44. (Original) The vector of claim 43 wherein said nucleotide sequence encoding the conserved domain 2 and/or 3 further includes a nucleotide sequence encoding a variable domain of the major outer membrane protein immediately downstream of the conserved domain.

45. (Original) The vector of claim 43 wherein said nucleotide sequence encodes the conserved domain 5 of the outer membrane protein.

46. (Original) The vector of claim 43 wherein said promoter sequence is the cytomegalovirus promoter.

47. (Original) The vector of claim 43 wherein said non-replicating vector comprises plasmid pcDNA3 containing said promoter sequence and into wherein said nucleotide sequence is inserted in operative position to said promoter sequence.

48. (Original) The vector of claim 47 wherein said strain of *Chlamydia* is a strain producing chlamydial infectious of the lung.

49. (Original) The vector of claim 47 wherein said strain of *Chlamydia* is a strain of *Chlamydia trachomatis*.